AMENDMENTS TO THE SPECIFICATION

Insert the following section heading on page 1 after the title of the invention:

-- TECHNICAL FIELD OF THE INVENTION --.

Insert the following section heading on page 1 after the first complete paragraph:

-- DESCRIPTION OF RELATED ART --.

Replace the third complete paragraph on page 4 with the following rewritten version:

-- BRIEF SUMMARY OF THE INVENTION

It is an object of tThe invention to-provides a method and a moulding device for closed moulding, which overcome the disadvantages related to the vacuum foil technique and the disadvantages related to the (semi) rigid moulding technique. In particular, it is an object to to the invention provides a vacuum infusion technique or vacuum assisted moulding for RTM where the "back form" is reusable and which is suitable for moulding large fibre reinforced composite products. --

Replace the last paragraph on page 4 with the following rewritten version:

-- BRIEF DESCRIPTION OF THE DRAWINGS

The invention is <u>here</u>in the following described in detail with reference to the accompanying drawings, in which:

- Fig. 1 is a schematic cross-sectional view of a closed moulding process according to an embodiment of the invention;
- fig. 2 is a schematic view of a second embodiment of the invention;
- fig. 3 is a schematic cross-sectional view of a third embodiment of the invention; and --.

Insert the following section heading on page 9 before the first complete paragraph:

-- DETAILED DESCRIPTION OF THE INVENTION --.

AMENDMENTS TO CLAIMS:

Please replace the claims with the following rewritten listing:

1. (Currently Amended) A method of manufacture of reinforced composite products in a closed mould process, whereby comprising:

<u>defining</u> a product moulding volume is <u>defined</u> between a first and a second mould part <u>and wherein</u> the moulding volume is in fluid contact to at least one moulding material reservoir and a vacuum source, whereby;

drawing the moulding material is drawn into the moulding volume when the vacuum is applied to the moulding volume, wherein the first mould part comprises an inner liner of a pre-shaped, flexible modified fluorinated plastic foil and wherein the mould parts are clamped together before the vacuum is applied; and

detaching the mould parts are detached from each other when a predetermined amount of resin-moulding material is filled into the moulding volume, so that the moulded composite product may be removed and the mould is ready for repeating the moulding process.

- 2. (Currently Amended) A method according to claim 1, whereby wherein the first mould part is a female mould part and the second mould part is a male mould part.
- 3. (Currently Amended) A method according to claim 1-or 2, whereby further comprising providing reinforcement fibre material are provided in the moulding volume prior to the an assembly of the first and second mould parts.
- 4. (Currently Amended) A method according to any of the claims 1 to 3, whereby wherein the reinforcement material is-comprises at least one of a glass, a stone, a ceramic, a carbon, an organic fibre fabric, and a synthetic fibre fabric.

- 5. (Currently Amended) A method according to any of the preceding-claims 1, where by in an the inner surface of the foil is smooth.
- 6. (Currently Amended) A method according to any of the claims 1 to 4, whereby wherein anthe inner surface of the foil is structured.
- 7. (Currently Amended) A method according to claim 6, whereby wherein the mould parts are assembled and since the structured surface of the foil allows a flow of air to be transported towards the vacuum outlet of the moulding volume, vacuum is applied and gelcoat is drawn or injected into the mould, after curing the mould is opened before the reinforcement fibres are provided and the mould is reassembled and closed moulding process is executed.
- 8. (Currently Amended) A method according to any of the preceding claims 1, whereby in the inner liner is translucent.
- 9. (Currently Amended) A method according to any of the preceding-claims_1, whereby-further comprising assembling the first and second mould parts are assembled over an annular airtight sealing member encompassing the moulding volume carrying the inner liner, thus-said airtight sealing member belonging to the second mould part, which may be clamped onto the first mould part.
- 10. (Currently Amended) A method according to claim 9, whereby wherein the sealing member comprises two annular sealing members defining an annular sealing volume around the moulding volume, and the vacuum is applied to thise annular sealing volume.
- 11. (Currently Amended) A method according to claim 10, wherebyin the a vacuum in the sealing volume is larger than the a vacuum in the moulding volume during the vacuum forming process.

- 12. (Currently Amended) A method according to any of the preceding claims_1, whereby in the foil is a fluoroplastic laminated foil, preferably with a thickness of 0.05 to 1.5 mm, which can be assembled in small or big panels suited to the products to be moulded.
- 13. (Currently Amended) A method according to any of the preceding claims 1, where by in prior to initiating the moulding process is initiated, a reinforcement fibre mat is placed over the inner liner which in turn is placed over the an airbag, which is then inflated so it to fills out the a space inside one of the other first and second mould parts and to puts the inner liner and the fibre reinforcement in place relative to the other mould form part.
- 14. (Currently Amended) A method according to any of the preceding claims 1, where by in the moulding material is supplied into the moulding volume under pressure using vacuum assisted pressure injection.
- 15. (Currently Amended) A moulding device for the manufacture of composites in a closed mould process, whereby comprising:

a product moulding volume is-defined between a first and a second mould part, and the moulding volume is being in fluid contact to with at least one moulding material reservoir and a vacuum source, where by in the moulding material is drawn into the moulding volume when the vacuum is applied to the moulding volume;

wherein the first mould part comprises an inner liner of a pre-shaped, flexible modified fluorinated plastic foil and wherein the mould parts are clamped together before the vacuum is applied and detached again when the moulding volume is filled and the moulding process is over, souch that the moulded member may be removed and the mould is ready for repeating the moulding process.

16. (Original) A moulding device according to claim 15, wherein the first mould part is a female mould part and the second mould part is a male mould part.

- 17. (Currently Amended) A moulding device according to claim 15-or-16, wherein a reinforcement fibre material are is provided in the moulding volume prior to the an assembly of the first and second mould parts.
- 18. (Currently Amended) A moulding device according to any of the claims 15-to 47, wherein the reinforcement material is comprises at least one of a glass, a stone, a ceramic, a carbon, an organic fibre fabric, and a synthetic fibre fabric.
- 19. (Currently Amended) A moulding device according to any of the claims 15-to 18, wherein the an inner surface of the foil is smooth.
- 20. (Currently Amended) A moulding device according to any of the claims 15-to 18, wherein the an inner surface of the foil is structured.
- 21. (Currently Amended) A moulding device according to any of the claims 15-to 20, wherein the inner liner is translucent.
- 22. (Currently Amended) A moulding device according to any-of the claims 15-to 21, wherein the foil is a laminate consisting of at least two, preferably threecomprising a plurality of layers of fluoroplastic material; selected from athe group consisting of PFA (perfluoro alkoxy), FEP (Fluorinated ethylene propylene, TFE (tetra flour ethylene), ETFE (ethylene tetra flour ethylene), ECTFE (ethylene chloride triflour ethylene), TFM (modified polytetrafluoroethylene), and virgin PTFE (polytetrafluoroethylene).
- 23. (Currently Amended) A moulding device according to any of the claims 15-to 21, wherein the foil is comprises an extruded plastified fluoroplast; selected from athe group consisting of PFA (perfluoro alkoxy), FEP (Fluorinated ethylene propylene, TFE (tetra flour ethylene), ETFE (ethylene tetra flour ethylene), ECTFE (ethylene chloride triflour ethylene), TFM (modified polytetrafluoroethylene) orand similar materials.

- 24. (Currently Amended) A moulding device according to any of the claim 15-to 23, wherein the first and second mould parts are assembled over an annular airtight sealing member encompassing the moulding volume carrying the inner liner, thus said airtight sealing member belonging to the second mould part, which may be clamped onto the first mould part.
- 25. (Currently Amended) A moulding device according to claim 24, wherein the sealing <u>member</u> between the first and second mould part comprises two annular sealing members defining an annular sealing volume around the moulding volume, and vacuum is applied to theis annular sealing volume.
- 26. (Currently Amended) A moulding device according to claim 25, wherein the a vacuum V_4 -in the sealing volume is larger than the a vacuum V_4 -in the moulding volume during the vacuum forming process.
- 27. (Currently Amended) A moulding device according to any of the claims 15-to 26, wherein the inner liner is pre-shaped so that itto corresponds to the a shape of the product to be moulded.
- 28. (Currently Amended) A moulding device according to any of the claims 15-to 27, whereby wherein the foil is a fluoroplastic laminated foil, preferably with a thickness of 0.05 to 1.5 mm, which can be assembled in small or big panels suited to the products to be moulded.
- 29. (Currently Amended) An inner liner for a vacuum infusion moulding process for the manufacture of fibre reinforced composite products, whereby comprising: a product moulding volume is defined between the inner liner, constituting a first mould part, and a second mould part, wherein and the moulding volume is in fluid contact to with at least one moulding material reservoir and a vacuum source, and wherein the moulding material is drawn into the moulding volume when the vacuum is applied to the moulding volume, and wherein the inner liner is a pre-shaped, flexible modified fluorinated plastic foil.

30. (Currently Amended) An inner liner according to claim 29, wherein the laminate eensists of at least two, preferably three comprises a plurality of layers of a fluoroplastic material, selected from athe group consisting of PFA (perfluoro alkoxy), FEP (Fluorinated ethylene propylene, TFE (tetra flour ethylene), ETFE (ethylene tetra flour ethylene), ECTFE (ethylene chloride triflour ethylene), TFM (modified polytetrafluoroethylene), and virgin PTFE (polytetrafluoroethylene).